

On a Certain Property of the Characteristic
Numbers of the Solutions of Differential Equations.
by G. K. Pozharitskiy, 6 pp.

RUSSIAN; per, Prik Matemat i Mekh, Vol XXII, No 5,
1958, pp 707-710.

PP

Sci - Math
Oct 59

99,085

On the Construction of the Liapunov Functions From
the Integrals of the Equations for Perturbed Motion,
by G. K. Nosbaritskiy, 12 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XLI, No 2,
1958, pp 145-154.

Pergamon Inst

Sci - Math

Jan 59

78,993

(NY-3139).

Study of Productive Forces of Heilungkiang, by
A. Ye. Probat, K. L. Pozharitskiy, 6 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXIX, No 9,
1959, pp 65-68.

JPRS-2212-N

FE - China
Hoon
Sci. - Misc
Feb 60

107971

High Voltage Networks, by L. F. Pozharov, 7 pp.
SUSSEIN, p bl, Ozyt Energeticheskogo Stroitel'stva
v Uzbeckistane, 1961, pp 44-54. (Call No. 3D9695
R82 U96 Eng Tr)

Army Map Service

Sov - Electron
May 63

232,062

Determination of Silica in the Presence of Organic
Colloids, by P. N. Grigor'yev, P. I. Pozharskaya, 3 pp

RUSSIAN, per, Zavod Lab, Vol V, 1936, pp 1443-1444.

AT&T-48129R

Sci + Chemistry
Nov 59

103, 261

On the Equations of Motion for Systems With Non-ideal Constraints, by G. K. Pozharitskiy, 8 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIV, No 1960, pp 458-462.

PP

Sci

Jun 61

157,186

On the Property of the First Approximation System,
by G. K. Požharitskiy, 3 pp.

RUSSIAN, per, Prik Matemat i Nekh, Vol XXII, No 1,
1958, pp 143-144.

Pergamon Inst

Sci - Mathematics, Physics
Nov 58

76,142

Determination of Silica in the Presence of Dyeless
Colloids, by P. N. Grigor'yev, P. I. Porshnev.
3 pp.

RUSSIAN, per, Zavodskaya Laboratoriya DSSE, v. 2
v, 1935, pp 1443, 1444.

ADS-48120R

Sci - Chem
Dec 59
Vol 2, No 4

103,809

Investigation of the Reaction of Phenylhydrazine
With Chlorophenols by the Method of Physicochemical
Analysis, by F. T. Pozharsky, D. E. Dionishev,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1568-1571.

Consultants Bureau

Sci - Chemistry
Jul 57

49,679

Synthesis of Physiologically Active S^{35} - Labeled Compounds, by Yu. V. Markova, A. M. Poskarskaya, V. I. Maximov, T. F. Zhukova, N. A. Kosolapova, M. N. Shechukina, 7 pp.

Vol

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, No. 1, 1953,
pp 1129-1132.

AEC Tr 2537

Sci. - Chemistry
Aug 1956 CTB/dax

37, 486

Spectrophotometric Study of the Complex Formation
Processes of Tetravalent Plutonium in Nitric Acid
Solutions, by L. V. Lipis, B. G. Pozharskiy, V. V.
Fomin, pp. 19.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 2,
1960, pp. 135-144.

CB

168, 961

Sci

Sept 61

Properties of Plutonyl in Nitric Acid I.
Hydrolysis of Plutonyl Nitrate, by M. E.
Krevinskaya, V. D. Nikol'skiy, B. G. Pozharskiy,
E. E. Zastenker, 5 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,
pp 548-553. # 9079524

Infosearch Ltd. London
s.s RK-59/5.9

Sci - Chem

164, 302

Aug 61

Preparation and Properties of Plutonyl Nitrate,
by M. E. Krevinskaya, V. D. Nikol'skiy, B. G.
Pozharskiy, E. E. Zastenker, 4 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,
pp 562-566. 9079528

Infosearch Ltd. London
as RK-59/5.11

Sci - Chem

164, 306

Aug 61

Drift of Current Carriers Which Have Been Formed
by the Effect of a Strong Electric Field, by Yu. K.
Pozhela, 2 pp.

RUSSIAN, par, Zhur Tekh Fiz, Vol XXVI, No 2,
Feb 1956, pp 281-283.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol. I, No 2

Sci - Physics
Aug 57

51, 492

The Problem of the Effect I of a Strong Field in
Semiconductors, by Yu. K. Pozhela, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 2,
Feb 1956, pp 277-280.

Amer Inst of Physics
Soviet Phys-Tech Phys
Vol I, No 2 & 2

Sci - Physics
Aug 57

51,491

The Effect of Inaction on Coal Production in Great Britain on the Development of the Economy
E. A. Pogosyan, 4 pp.

RUSSIAN, per Dokl Akad Nauk SSSR, Vc) CXVII p. 1
1959, pp. 41-42.

Atom Inst C.S. Biol Sci

Sci

Jun 60

106 856

F Experimental Processing of Yarn from a Blend Produced
at the Ginnery, by N. N. Pozhidayev, 5 pp.

RUSSIAN, per, Iz VUZ, Tekh Tekstil'noy Prom, No 6
(19), 1960.

Textile Institute

214,242

Oct 62

Sci

On the Blending Capabilities of Saw Gins,
by N. N. Pozhidayev, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh
Tekstil Prom, No 2(15), 1960.

Textile Institute

Sci

May 62

193,023 3

(NY-6568/2)

On the Scientific Work of the Chairs of the
Kiev Technological Institute of the Light
Industry, by N. N. Pozhidayev, 12 pp.

RUSSIAN, per, Iz Ucheb Zaved, Tekh Legkoy
Prom, No 6, 1959, pp 6-10.

JPRS 9848

USSR
Econ
Sep 61

165,434

A Cytochemical Study of the Preembryonic
and Early Embryonic Periods in the
Ontogenesis of Mammals, by Ye. A.
Kondratenko, 15 pp.

REBILAN, par, fiziologiya, vol. 21,
no. 6, Nov/Dec 1966, pp 642-650.

JRC-11143

SAC
Jan 67

Cyanoethylat^{ion} of Some Glycols and Preparation of
Amines from the Nitriles, by E. A. Poshiltsova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCI, 1953,
pp 269-270.

CIA/FDD/X-1558

Scientific - Chemistry Feb 55 CTS

21,435

Adsorption Equilibria and the Energy of Adsorption Forces, by N.N. Avgul, A.A. Isirikyan, A.V. Kiselev, I.A. Lygina, D.P. Poshkus, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1957, pp 1314-1327

Consultants Bureau

Sci - Chem

May 59

86,996

Significance of Ovarian Hormones in the
Pathogenesis of Radiation Embryopathy in
Rats after Roentgen Irradiation of the Female
Gamete, by E. A. Poshidayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII,
Nos 1-3, 1961, pp 441-444.

AIP
Soviet Physics
Vol VI, No 3

Sci

169,336

Sep 61

Cotton Blending and Cleaning Processes on the
Automatic Production Line, by N. N. Pozhidayev,
5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh
Tekstil Prom, No 2, 1961.

Tex Inst

Sci

Jan 63

220,241

Investigation of the Interaction of the Chlorides
of the Alkaloid and the Alkaline Earth Elements in
Molts. II., The Ternary System Sodium Chloride-
Cerium Chloride-Calcium Chloride, by I. N. Plyush-
chev, I. V. Shakhno and S. A. Poznitskaya, 4 pp.

RUSIAN, no per, Zhur Obshch Khim, vol XXV,
No 6, 1955, pp 1072-1075.

Consultants Bureau

Scientific Reference

41 326

Solid Propellant Rocket Engines, by
V. V. Poshikov, 91 pp.
PUBLISHED IN THE USSR, Naukova Dumka Publishing
Tselina, Moscow, 1988, pp 1-70. 007739
FTI-BIT-04-123

Sci - Aero
Eng Dis

V.V. Poshikov

284,587

Influence of Desensitizers on the Photoelectrochemical Effect in Silver Bromide, by K. K. Demidov, E. A. Pozigun, 6 pp.

RUSSIAN, per, Zhur Nauch Prik Fotograf i Kinematog, Vol VI, No 3, 1961, pp 161-163.

CIA/FDD XX-1111
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Mar 62

185, 955

USIB INTERNAL USE ONLY

The Drift of Ionospheric Irregularities
According to the Observations Carried Out In
Rostov-on-Don, by V. L. Pozigun.

RUSSIAN, bk, Issledovaniya Neodnorodnosti v
Ionosfere, Part V, No 4, 1960, pp 70-75.

Amer Meteorol Soc T-RC-21.

190, 200

Sci - Geophys
Oct 61

Relation Between the Filler Content of a Sodium
Butadiene Rubber Stock and Its Visco-Elastic
Properties, by M.D. Nusinov, A.A. Pozin, R.I.
Osipov, N.S. Ilin, 3 pp.

Res Assoc of British Rubber Manu
RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 5,
1960, pp 21-23.

Sci
Jan 61

135,087

Methods of Determining the Tendency of Rubber Stocks
to Become Porous During Vulcanisation, by E. D.
Mikhlin, L. I. Poretakaya, A. A. Pozin, V. P.
Artmeva, I. E. Galbraikh, L. P. Scherbakova, T. F.
Nikiforova, 6 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XVIII, No 12,
1960, pp 23-28.

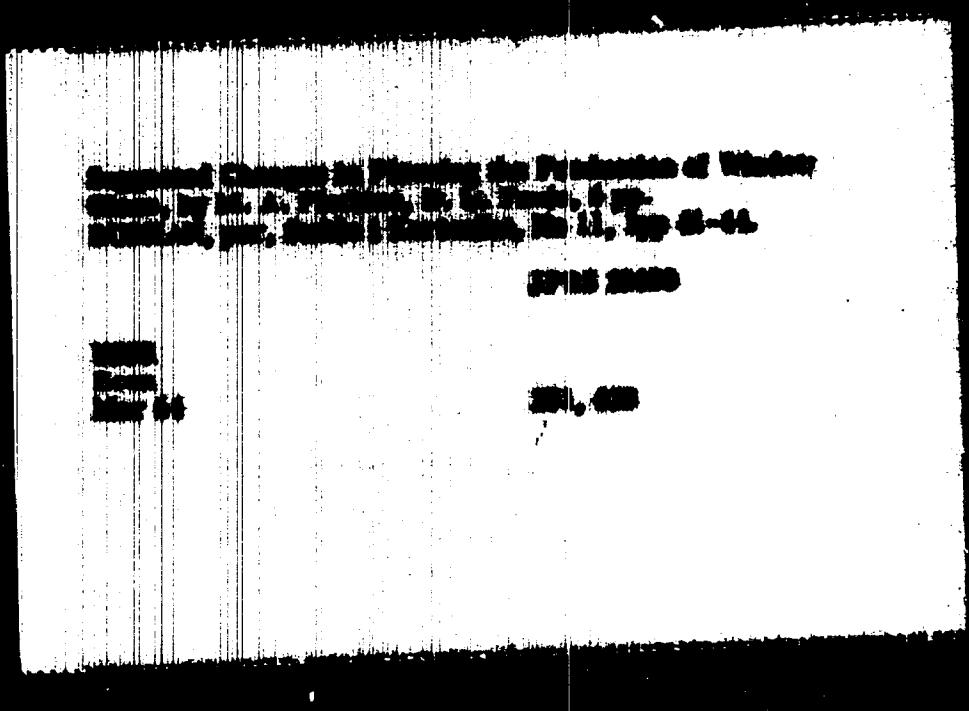
British Rubber Manufacturers

Sci
Jul 60

120,423

APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301870074-8



APPROVED FOR RELEASE: Thursday, August 15, 2002

CIA-RDP91-00772R000301870074-8

(NY-2800)

Ways of Reducing the Production Cost of
Window Glass and Plate Glass in 1961-
1963, by M. A. Plotkina, B. L. Pozin,
6 pp.

RUSSIAN, per, Steklo i Keramika, No 9,
1961, pp 40-42.

JPRS 11343

178, 115

USSR
Econ
Jan 62

Pozin, L. M. and others.

FAST-SETTING CEMENT FROM ZINC DUST AND
UNSATURATED POLYESTER RESINS. Mar 64
Order from TTIS \$8.00

TTIS NS 188

Trans. of Russian patent 157,749, appl. 22 Nov 61.

TT-64-12821

- I. Pozin, L. M.
- II. Patent (USSR) 157 749
- III. TTIS-NS-188
- IV. Translation and Technical
Information Services,
London (England)

1280895

(Materials, TT, v. II, no. 11)

Office of Technical Services

47

The Rate of Crystallization of Calcium
Sulphate from Its Super-Saturated Solutions
in Sulfuric Acid, by R. E. Pozin, et al.
Dokl. Akad. Nauk SSSR, Vol. 177, No. 1, 1964, pp. 681-685.
Add. Ref.: 5628.48 1966 (11175)

M. E. Pozin

Scanned
Aug 16

54-8,725

Foam Procedure for Gas-Liquid Contact, by N. B.
Pomip, I. P. Makhlenov, E. G. Tumarkina, E. Ya.
Tarat, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol. XXVII, No 1,
USSR, Jan 1954, pp 12-21. CIA C 36893

Consultants Bureau

Scientific - Chemistry CTB 66/Mar 55

21,689

Suppression of Foam by Readily Soluble Gases, by
I. E. Pozin, E. S. Tumarkina
4 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 11,
1954, pp 1180-1183. CIA C 41474

Consultants Bureau

Scientific - Chemistry
Apr 56 CIS/dex

32,955

Analysis of the Dust Collecting Process in Foam Apparatus, by M. E. Posin, I. P. Mukhilenov, V. Ya. Demshin,
4 pp.

Full tr

RUSSIAN, no par, Zbir Prik Khim, Vol XXVIII, No 10,
1955, pp 1115-1119, CIA C 42515

35,798 Consultants Bureau

Scientific - Chemistry
Jun 56/dex

The Foam Method for the Treatment of Gases and
Liquids, by M. E. Posin, I. P. Mukhlesov, E. S.
Tumerkina, E. Ya. Tarat, 2 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 5,
May 1956, p 806.

CONSULTANTS BUREAU

Sci - Chem
Feb 57 CTS

44,258

Heat Exchange in Crossflow During Evaporation and Condensation, by M. B. Pozin, 20 pp.

RUBSH, per, Zhur Prik Khim, Vol XXVI, No 11, USSR, Nov 1953, pp 1133-1156. CIA D 167132

Consultants Bureau

ESR

Scientific - Chemistry

21392

CPS 65/Feb 1955

Pozin, M. E., and Vosol'sobe, Ya. Ya.
L'OXYDATION DU SOURE PAR L'ACIDE SULFURIQUE NATUREUX (Okiglenie Sery Nitrozozi) (Oxidation of Sulfur by Nitrosou). 22p. (foreign text included)
2refs. CNRS-VIII bis 261.
Order from OTS, EPC or CNRS \$0.86 TT-62-28263

Trans., in French of #Zhurnal Prikladnoi Khimii (USSR)
1955, v.28, no. 3, p.229-236.

DESCRIPTORS: *Sulfur, *Oxidation, Sulfuric acid,
Nitro compounds, Experimental data.

TT-62-28265

I. Pozin, M. E.
II. Vosol'sobe, Ya. Ya.
III. CNRS-VIII bis 261
IV. Centre National de la Recherche Scientifique, Paris

(Chemistry--Inorganic, TT, v. 11, no. 8)

Office of Technical Services
European Translations Centre

TT-62-28742

Pozin, M.E., Ginstling, A.M. and Pechkovskii, V.V.
ETUDE DE LA REACTION D'OXYDATION DES SULFURES ET MINERAIS SULFURES (K Izucheniyu
Protseessa Oksledeniya Sul'fidov i Sul'fidnykh rudi)
(Study of the Oxidation of Sulfides and Sulfide Ores),
16p. (foreign text included) 3 refs. CNRS-VII 42.
Order from OTS, ETC or CNRS \$1.60 TT-62-28742

Transl. in French of #Zhurnal Prikladnoi Khimii
(USSR) 1955, v. 28, no. 12, p. 1249-1254.

DESCRIPTORS: *Oxidation, *Sulfides, Ores (Metal sources); Sulfur compounds; Oxides; Sulfates;

I. Pozin, M.E.
II. Ginstling, A.M.
III. Pechkovskii, V.V.
IV. CNRS-VII 42
V. Centre National de la Recherche Scientifique, Paris

(Chemistry-Inorganic, TT, v. 11, no. 8)

Office of Technical Services
European Publications Centre

Pozin, M.E., Kopylev, B.A., and Tarat, E.A.
INFLUENCE DE LA HAUTEUR DE LA COUCHE DE
MOUSSE SUR UNE GRILLE SUR L'ABSORPTION DE
L'ANHYDRIQUE CARBONIQUE DANS UNE SOLUTION
ALCALINE (Vliyanie Vysoctysslojennym Nasitchatoi
Tarelle na Absorpsiyu Dvoikisi Utrokh Rastvorom
Shchelochi) (Effect of the Height of the Foam Layer
on a Sieve Plate on Absorption of Carbon Dioxide by
Alkali Solution). 17 p. (foreign text included) 9refs.
CNRS-VI 517.

Order from CIS, ETC or CNRS \$1.60 TT-62-28760

TT-62-28760

I. Pozin, M.E.
II. Kopylev, B.A.
III. Tarat, E.A.
IV. CNRS-VI 517

V. Centre National de la Recherche
Scientifique, Paris

Trans. in English of "Zhurnal Priladov Khimii
(USSR) 1959, v. 32, no. 5, p. 1004-1019.
Another trans. is available in English from OTS
\$4.00 in TT-01-21982, Apr 61 [309p.]

DESCRIPTORS: *Carbon dioxide, *Absorption,
Alkali metal compounds, Solutions, Foams,
Hydroxides.

(Engineering-Chemical, TT, v. 11, no. 8)

Engineering-Chemical
Engineering Information Center

UT-62-25761

Egorov, M. E., Krylov, B. A., and Taran, I. A.
ABSORPTION OF BONDS OF THE CARBON PERFLUORIDE
SOLVENTS AND SSES DE SOUDÉ CAUSTIQUE
(Photochemical Analysis. Polymer Resistor and Fluorine
Rate, per Fluorine Residue) Absorption of Carbon
Dioxide in Strong Soda Solutions under Formic Acid
Action. Esp. (Original text included). Ureaf.
CNRS 11315.

Order from CNRS, ETC or CNRS 11315/2-23761

Transl. in Periodical "Zhurnal Prilichnoi Khimii"
of USSR 1957, v. 32, no. 5, p. 1041-1055.

1957 JPPDS "Carbon dioxide. *Absorption
of carbon dioxide. Hydroxides. Reactions. Formic
acid." 1957, v. 32, no. 5, p. 1041-1055.

Office of Technical Services
European Technical Center

Rate of Decomposition of Kara-Tau Phosphorites
with Phosphoric Acid, by M.E. Pozin, B.A. Kopylov,
D. F. Zhil'cov, 7 pp

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 11,
1959, pp 2377-2383

CB

Oct 60

132, 180

POZIN, M. E.
GINSTLING, A. M.

The Thermochemical Conversion of Ferrous Sulfate.
7-Pages

Russian, Zhur Prik Khim, Vol XXIV, No. 2, Feb 1951.

Consultants Bureau Translation

73192

Possibility of Decreasing the Consumption of
Dilute Nitric Acid in Decomposition of Phosphates, by
M. E. Pozin, B. A. Kopylev, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 6,
1962, pp 1184-1191.

CB

Sci
Jun 63

233,558

Mechanism of Decomposition of Kara-Tau Phosphorite,
by Sulfuric Acid, by M. E. Pozin, B. A. Kopylev,
10 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 5, 1962, pp
pp 929-930.

CB

Sc1

Jun 63

233,706

Possibility of Decreasing the Consumption of
Dilute Nitric Acid in Decomposition of
Phosphates, by M.M. E. Pozin, B. A. Kopylev,
7 pp.

RUSSIAN, pc, Zhur Prik Khim, Vol XXXV, No 6,
1962, pp 1184-1191.

EE CB

SCI
Jun 63

233,558

Certain Fundamental Reactions in the Process of
Sulfide Ore Oxidation, by M. E. Posin, A. M.
Ginstling, V. V. Pechkovsky, 6 pp.

RUSSIAN, no per, Zbir Prik Khim, Vol XXVII, No 12,
Dec 1954, pp 1237-1243. CIA C 42155.

Consultants Bureau

Sci - Chemistry

35, 225

Jun 1956/Dex

Calculation of the Equilibrium Composition of Nitroso Gas over Nitric Acid Solutions, by M. E. Popin,
B. A. Kopylev, et al., 9 pp.

Khimiya, 1963, Akademiia Nauk SSSR, Moscow, No. 1, 1963,
pp 16-24.

CD

Bei
Nov 63

243,177

Preparation of Superphosphate From Mono-Monophosphites by a Process Without the Use of a Den (From "Neutrichening" Pulp), by N. S. Postin, B. A. Kopylov, et al., 6 pp.

MESSIAH, per, Izmer Fizik Khim, Vol. XXXIV, No 8, 1961,
pp 1653-1661.

CD

Set

200,433

Jan 62

A Philosophical Basis for the "Classical"
Theory of "Solid Phase" Reactions. A Criticism
of the Tammann-Hedwall Doctrine, by M. E. Podin,
A. M. Giinstling, 6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVI, No 6,
1953, pp 561-568.

Consultants Bureau

Scientific - Chemistry CTS/DIX

18,070

The Decomposition Rate of Apatite in Unsaturated
Solutions of the System CaO-P₂O₅-H₂O, by
M. E. Pozin, B. A. Kopylev, et al, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXVI, No 6,
1963, pp 1175-1180.

CB

Sci-
Aug 64

264,876

Role of the Degree of Oxidation of Nitrogen
Oxides During Conversion Into Nitric Acid, by
M. E. Posin, B. A. Kopylev, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 4,
1962, pp 717-722.

CB

Sci

Fob 63

232, 707

Crystallization of ~~EX~~ Calcium Sulfate During the
Interaction of Monocalcium Phosphate with Sulfuric
Acid in Phosphoric Acid Solution, by M. E. Pozin,
B. A. Kopylev, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 11,
1961, pp 2384-2390.

CB

Sci

205,160

Jul 62

Rate of Decomposition of Kerasite[®] Graphitized by a Process without the use of a Benzalaniline Oxidizing Mixture by M.E. Iosin, B.V. Kopytov, . . . Sultanzimov, 6 pp.

RUDN, per, Zhur Fiz Khim, Vol 35(1), no 2, 1961,
pp 259-266.

CR

Sci

192, 2-54

Mar 62

Nature of the Gas-Liquid disperse System, by M. E.
Pozin, I. P. Mukhlenov, E. Ya. Tarat, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 1, 1957,
pp 45-51.

Consultants Bureau

Sci - Chem

Jun 58

65,260

Absorption of Carbon Dioxide by Caustic Soda
Solutions under Foam Conditions, by N. N. Kozina,
B. A. Kopylev, Ye. A. Tavat, 6 pp.

RSSIAN, pub., Zhur Prik Khim, Vol. XXII, No. 5;
1959, pp. 1011-1015.

Consultants Bureau

361

Jun 60

117777

Effect of the Height of the Foam Layer on a Slag-
Melt on Adsorption of Carbon Dioxide by Alkalii Sol-
lutions, by M. E. Pozin, B. A. Kopylev, Ye. Ya. Tsvet,
6 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol 53(1), No 5,
1979, pp 1004-1010.

Consultants Bureau

Sci

Jun 60

117,776

Investigation of Metastable Equilibria in the System
CaO·F₂O₅·H₂O., by M. E. Pozin, B. A. Kopylev,
Wang Li-shen, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 7, 1960,
pp 1482-1491.

CB

165, 684

Sci

Jul 61

Absorption of Ammonia by Cuproammonium Solution in
a Flame Apparatus, by M. N. Peshin, B. A. Kopylov,
N. A. Petrova, 6 pp.

RUSSIAN, par. Zhur Pril Nauk, Vol XXXI, No 7,
pp. 1007-1012.

Consultants Bureau

Sci - Chem
Aug 79

73, 817

Kinetics of the Absorption of Water Vapor by
Sulfuric Acid Under Turbulent (Foam) Conditions, by
M. E. Poxin, E. Ya, Tarat, 10 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXI, No 9, 1958,
pp 1332-1341.

Consultants Bureau

Sci - Chem

Sept 59

97,576

The Rate of Interaction of Apatite with
Sulfuric Acid in the Course of Mixing, by
M. E. Pozina, G. S. Grigor'yev, B. A. Kopylev,
A. D. Sokolova, 7 pp.

RUBSIAM, per, Zhur Prik Khim, Vol XXXI, No 5,
1958, pp 693-700.

Consultants Bureau

Sci - Chem

Jun 59

88, 627

Effect of Gas Velocity on Mass Transfer in
Absorption Under Bubbling and Foam Conditions, by
M. E. Posim, B. A. Kopylev, 6 pp.

RUSSIAN, per, Zhur Pril Khim, Vol XXXI, No 3, 1958,
pp 387-393.

Consultants Bureau

Sci - Chem

Apr 59

84, 5-82

Crystallization of Potassium Chloride from Kainit¹⁶
Liquors, by N. E. Pozin, M. I. Muratova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 9, 1957,
pp 1378-1382.

Consultants Bureau

Sci - Chem

Dec 58

77,732

Crystallization of $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ from Metastable
Solutions in the System $\text{Ca}(\text{NO}_3)_2 \cdot \text{H}_3\text{PO}_4 \cdot \text{HNO}_3 \cdot \text{H}_2\text{O}$.
by M. E. Pozin, B. A. Kopylev, Van Li-shef,
[redacted] 7 pp.

RUSSIAN, per, Zbirn Prik Khim, Vol XXXIV, No 5
1961, pp 994-1001.

CB

Sci

Feb 52

186,019

The Quality of Potassium Chloride Obtained from Kainite
Liquors of Different Composition, M. E. Pozin, M. I.
Muratova, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 9, 1957,
pp 1383-1385.

Consultants Bureau

Sci - Chem

Dec 58

77,733

Efficiency of the Absorption of Gases of Different Solubilities by the Bubbling and Foam Methods, by M. E. Pozin, B. A. Kopylev, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 3, 1957, pp 362-368.

Con Bu

Sci - Chem
Aug 58

69, 467

The Efficiency of Chemical Equipment as a Function
of the Material Flow Rates and of the Rate
Coefficients of Chemical, Diffusion, and Thermal
Processes, by M. E. Posin, 11 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 9,
Sep 1956, pp IX 1336-1346.

Consultants Bureau

Sci - Chemistry
Sep 57

5-2, 591

Nitrogen Oxide Losses in Waste Gases From Nitroso
Sulfuric Acid Systems, by M. E. Pozin, G. V.
Belebenko, 3 pp.

RUSSIAN, per, Zaur Prik Khim, Vol XXIX, No 7,
Jul 1956, pp 972-976.

Consultants Bureau

Sci - Chemistry
Jun 57

48,610

Semen Isaakovich Volkovich, by A. M. Dubovitsky,
M. E. Pozin, 4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol. XXIX, No 11,
1956; pp 1617-1620.

Consultants Bureau

Sci - Mine

59, 402

Mar 58

Rate of Absorption of Carbon Dioxide by Hydroxide.
by M. E. Pozin.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, No 11, 1948,
pp 1184-1185.

Dept. of Interior
National Coal Bd Tr A 1181/EW
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa

TT-63-20164

Pozin, M. E.

THE THEORY OF CHEMICAL ABSORPTION. X. THE CRITERIAL EQUATION OF MASS TRANSFER THROUGH THE DIFFUSION LAYER OF GAS IN THE PROCESS OF SCRUBBER ABSORPTION [Teoriya Khemosorbsii, X.] [1963] [16p] Srefs Order from OTS, SLA, or ETC \$1.60 TT-63-20164

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1948, v. 21, no. 3, p. 218-226. (Abstract available)

DESCRIPTORS: *Absorption, *Towers (Chemistry), Transport properties, Diffusion, Gases, Equations,

The task of the experimental study was to verify the finding from the experimental data of the function $Nu_g' = f(Re_g', Pr_g')$, with the aim of verifying the functional bonds, which determine the magnitude of the partial coefficient of absorption k_g , characterizing the rate of mass transfer through the diffusion layer of (Chemistry--Physical, TT, v. 11, no. 4) (over)

I. Pozin, M. E.
II. Title: Criterial...

Office of Technical Services

TT-63-18566

Pozin, M. E.

THE THEORY OF CHEMICAL ABSORPTION. VIII. ON
THE COEFFICIENT OF THE RATE OF ABSORPTION.
[1963] 17p (figs formulae omitted) 12refs

Order from OTS, SLA, or ETC \$1.60 TT-63-18566

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20,
no. 10, p. 963-975. (Abstract available)

A trans. is available in Dutch from OTS or ETC \$2.71
in TT-61-17957, MTWL-303, 43p.

DESCRIPTORS: *Absorption, *Kinetic theory, Diffusion, Absorbents, *Towers (Chemistry), Fluid flow,

There is established the regularity for the rate of mass-transmission through a diffusion layer of liquid in the form of a function of dimensionless criteria characterizing the physical, hydrodynamic and geometric conditions of work of a scrubber. The experiments which (Chemistry-Physical, TT- v. 11, no. 4) (over)

I. Pozin, M. E.

II. Title: Or...

Office of Technical Services

Pozin, M. E. and Opykhtin, M. A.
THE THEORY OF CHEMICAL ABSORPTION. V. THE
ABSORPTION OF CHLORINE AND SULPHUR DIOXIDE
BY SOLUTIONS OF CAUSTIC SODA; THE ABSORP-
TION OF CHLORINE BY BENZENE (Teoriya
Khemosorbsii. V. Absorbtsiya Khlorov i Serniatogo
Gaza Rastvorami Edkogo Natra: Absorbtsiya Khlorov
Benzolom); [1963] [23p] (foreign text included) 4refs
Order from OTS, SLA, or ETC \$2.60 TT-63-20162

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947,
v. 20, no. 6, p. S23-631. (Abstract available)

DESCRIPTORS: *Absorption, *Chlorine, *Dioxides,
*Sulfur compounds, *Sodium compounds, *Hydroxides,
*Benzene,

The correctness of the theoretically derived equations of
kinetics of chemosorption was confirmed on a series
of examples (absorption of chlorine and sulphurous gas
(Chemistry--Physical, TT, v. 11, no. 4) (over)

TT-63-20162

- I. Pozin, M. E.
- II. Opykhtin, M. A.
- III. Title: Absorption...
- IV. Title: Absorption...

Office of Technical Services

POZIN, M. E.
TUMARKINA, E. S.

THE KINETICS OF THE ABSORPTION OF BROMINE BY
LIQUID ABSORBENTS. 13 pages.

RUSSIAN, Zhur Prik Khim, Vol XXIII, No 4, Apr 1950

PP 346-408 TRA 11200 Nauk. Chem. Eng. Inf. 1952

SWA/R-2781
Consultants Bureau Translation

1-7472

Removal of Dust From Gases by the Foam Method,
by M. E. Pozin, I. P. Mukhilenov, E. Ya. Tarat,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 2,
1957, pp 293-296.

Sci - Chem

Consultants Bureau
GompT. Sci. II 414

Jul 58

59,555

[REDACTED]

Absorption of Hydrogen Sulfide by Arsenical Soda
Solution in a Foam Apparatus, by M. E. Pozin,
B. A. Kopylev, N. A. Petrova, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 6, 1958,
pp 849-858.

Consultants Bureau

Sci - Chem

Jun 59

89,646

Investigation of Metastable Equilibria in the System
 $\text{Co}(\text{NO}_3)_2\text{-H}_2\text{O}$, by N.E. Pozin, B.A. Kopylov, Van
Li-shen, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 12, 196
pp 2575-2604.

Sci

CB
AFS

171, 297

Oct 61

Theory of Chemical Absorption. V.
Absorption of Carbon Dioxide by Sodium Carbonate
Solutions by M. E. Pozin.
RUSSIAN, per, Zhurnal Prikladnoi Khim., Vol XX,
No 4, 1947, pp 353-359.
SLA TT 64-18955

Apr 67

323,080

Investigation of Metastable Equilibria in the Systems
 $\text{Ca}(\text{NO}_3)_2\text{-HNO}_3\text{-H}_2\text{O}$ and $\text{CaO-P}_2\text{O}_5\text{-N}_2\text{O}_5\text{-H}_2\text{O}$ at 50°
By M. E. Posir, B. A. Kopylev, and Wang Li-sheng
pp.11

RUSSIAN, per, Zhur Prikl Khim, Vol XXXV, No 10, 1962
pp.2134 - 2145

CB

Sci

344, 661

Aug 63

Effect of Physical Properties of a Liquid on the
Formation of Mobile Foam, M. E. Pozin, E. S.
Tsvarkina
8 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 11,
1954, pp 1170-1179. CIA C41474

Consultants Bureau

Scientific - Chemistry 32, 954
Apr 56 CRS/dex

POZIN, M. E., and GINSTLING, A. M.

Classification of Reactions between Solid Substances

Zhur Prikl Khim, SSSR, Vol XXIV, No 1, 1951, pp 37-46

¶ Consultants Bureau Translation avail. FDD Lib

A 3181

Rate of Decomposition of Kara-Tsu Phosphorites
by Sulfuric Acid, by M. E. Pozin, B. A. Kogylev,
A. Seitzmagzimov, 7 pp.

RUSSIAN, PNR, Zhur Prikl Khim, Vol XXXIII, No 9,
1960, pp 1969-1975.

CB

Sci

169.284

Sep 61

Heat and Mass Transfer in Crossed Flow, by M. E.
Ponin, 10 pp, UNCLASSIFIED

RUSSIAN, no per, ~~Zhur~~ Zhur Prik Khim, No 10, 1952,
pp 1032-1041.

Consultants Bureau

161953

CTS/DEX

Scientific - Chemistry

The Roles of Oxidation Volume and of a Separate
Denitrator in a Sulfuric Acid Tower System, by
M. E. Pozin, N. E. Kirichenko, 5 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIV, No 6, USSR,
Jun 1951, pp 561-566.
1951,

Consultants Bureau Vol 24, Jun 1951

USSR
Scientific - Chemistry

A 5333

Oxidation of Sulfur by a Mixture of Nitric
and Sulfuric Acids, by M. E. Pozin, Yu. Ya.
Vosolosobe, 4 pp.

RUSSIAN, no per, Zhurn Prik Khim, Vol XXVIII, No 4,
Apr 1955, pp 428-430. CIA C 38888

Consultants Bureau

Scientific - Chemistry
CTB 73/Oct 1955

26, 987

Technology of Mineral Salts, by M. E. Pozin
bk, Tekhnologiya Mineral' Sait
RUSSIAN, pub, ~~Iszdatel'stvo Akademii Nauk SSSR~~
~~Mineralfizika~~, 1949, p 688. CIA D 432377

T/C and abstract only USDA

Scientific - Biology, Chemistry Mar 56
32, 304

Oxidation Of Nitric Oxide in the Production of Nitric Acid

By M. E. Pozin, B. A. Kogylev pp. 6

RUSSIAN, per, Zhur Prik Khim, Vol XXV, No 11, 1962
pp. 2353 - 2358

CB

Sci

240-926

Oct 63

On the Notes by N. N. Postnikov, F. N. Tavadze and
P. N. Dzhaparidze Relative to the Article "A
Philosophical Basis of the 'Classical' Theory of
'Solid-Phase' Reactions," by M. E. Posin and A. M.
Ginstling, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XIVII, No 9,
1954, pp 995-999. CIA C 41305

Consultants Bureau

32,261

Scientific - Chemistry
Mar 56 CTS/dex

On the Decomposition of Acetone by Ultraviolet Light
in the CO₂ Carbon Dioxide/Oxygen System, By N. S. Kurnik,
V. I. Kurnikov, et al., Sov.
Chem. Phys., Zhurn. Tekh. Kibernetiki, Vol. 1971, No. 2, 1970,
pp. 12-16.

20

240, 976